

**NOTICE OF RECEIPT OF
RADIOLOGICAL RISK ASSESSMENT REPORT
FOR THE K-1435 TSCA INCINERATOR AT
EAST TENNESSEE TECHNOLOGY PARK (ETTP)**

The Tennessee Department of Environment and Conservation (TDEC) Division of Solid Waste Management (DSWM) is announcing the receipt of the Radiological Risk Assessment Report (RRAR) for the K-1435 Toxic Substances Control Act (TSCA) Incinerator for East Tennessee Technology Park (ETTP), owned/operated by the U. S. Department of Energy and co-operated by Bechtel Jacobs Company, LLC; and The Shaw Group, EPA ID Number TN0 89 009 0004, located at Tennessee Highway 58 Blair Road, Route 327 in Oak Ridge, Roane County, Tennessee 37831.

K-1435 TSCA Incinerator was designed and permitted to thermally treat TSCA-regulated wastes (i.e., polychlorinated biphenyls (PCBs)) and RCRA-regulated hazardous wastes. The incinerator consists of a rotary kiln and a secondary combustion chamber followed by a wet off-gas cleaning system. The off-gas cleaning system includes a quench chamber, a venture scrubber, a packed-bed scrubber, two in-series ionizing wet scrubbers, an induced draft fan, and an exhaust stack. A trial burn was conducted in May 2001 to yield primary emissions data for risk analyses.

The purpose of the RRAR is to describe the air dispersion modeling and methodologies use to evaluate potential human health risks posed by airborne emissions of radionuclides from the K-1435 TSCA Incinerator. The RRAR describes a multi-pathway human health risk assessment (HHR) that quantifies not only the inhalation pathway, but also exposure pathways of air immersion, ingestion, and exposure from direct radiation from ground due to dry deposition and precipitation scavenging of airborne radionuclides.

Copies of the Radiological Risk Assessment Report are available for public inspection at any of the following locations: TDEC Knoxville Field Office, Public Access Area, 3711 Middlebrook Pike, Knoxville, Tennessee 37921 (865-594-6035); Kingston Public Library; 1004 Bradsford Way, Kingston, Tennessee (865-376-9905); DOE Oak Ridge Public Reading Room, 475 Oak Ridge Turnpike, Oak Ridge Tennessee (865-241-4780); TDEC Department of Energy Oversight Division Office, 761 Emory Valley Road, Oak Ridge, Tennessee (865-481-0995).

For further information contact Ms. Jacqueline Okoreeh-Baah, Manager, Combustion Section; Division of Solid Waste Management; 5th Floor, L & C Tower, 401 Church Street; Nashville, TN 37243-1535 (615-532-0825), or by e-mail at <mailto:Jackie.Okoreeh-Baah@state.tn.us>

TDEC is committed to principles of equal opportunity, equal access and affirmative action. Contact the EEO/AA Coordinator at 1-888-867-7455 or the ADA Coordinator at 1-866-253-5827 for further information. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).

Persons who wish to be on DSWM's other mailing lists should request a Mailing List Request form by calling or writing: Public Participation Officer; Division of Solid Waste Management; Tennessee Department of Environment and Conservation; 5th Floor, L & C Tower; 401 Church Street; Nashville, Tennessee 37243-1535; telephone 615-532-0798 or email <mailto:Solid.Waste@state.tn.us>.

NOTICE ISSUED: November 11, 2006